

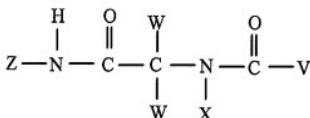
Application No. 10/559,996  
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Reply to Office Action of August 5, 2009

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

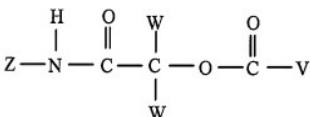
Listing of Claims:

1. (Previously Presented) A compound of the formula



formula (Ia)

or



formula (Ib)

in which

the residues V, W, X and Z are in each case, independently of each other, a hydrocarbon residue which can contain heteroatoms and/or V, W and/or X is/are hydrogen, wherein at least one of the residues V, W, X and/or Z contains a binding group Y and the residues V, W, X and Z together comprise at least two residues which have formula (IIa)

R<sub>1</sub>- (CH<sub>2</sub>-CH<sub>2</sub>-O)<sub>n</sub> - CH<sub>2</sub>-CH<sub>2</sub>-

formula (IIa)

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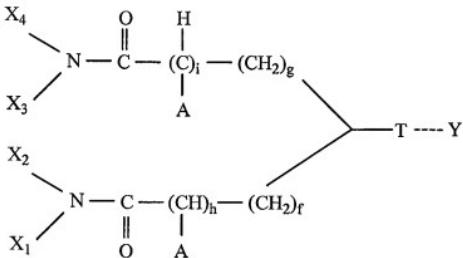
in which

R<sub>1</sub> is H, hydroxy or a hydrocarbon residue which has from 1 to 10 carbon atoms and which can contain heteroatoms, and

n is, on each occasion independently, an integer of from 3 to 1000.

2. (Previously Presented) The compound of claim 1, wherein the binding group Y is selected from groups which are able to covalently bind to an amino group, a thiol group, a carboxyl group, a guanidine group, a carbonyl group, a hydroxyl group, a heterocycle, a C-nucleophilic group, a C-electrophilic group, a phosphate or a sulfate, or are able to form a chelate or a complex with metals or are able to bond to silicon-containing surfaces.
3. (Previously Presented) The compound of claim 1, wherein the compound comprises at least three residues which have formula (IIa).
4. (Withdrawn-Previously Presented) The compound of claim 1, wherein at least one of the residues X and/or Z is branched and comprises at least two residues which have formula (IIa).
5. (Withdrawn-Previously Presented) The compound of claim 1, wherein at least one of the residues X and/or Z additionally comprises a targeting group.
6. (Withdrawn-Previously Presented) A compound having the formula (XIV)

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in which

$h$  and  $i$  are, on each occasion independently, 0 or 1,

$g$  and  $f$  are, on each occasion independently, an integer between 0 and 10,

$A$  is, on each occasion,  $H$  or  $-(CO)-NX_2$ , and

$X_1$ ,  $X_2$ ,  $X_3$  and  $X_4$ , and also  $X$ , have, in each case independently of each other, the meanings given above for  $X$ , where formula (XIV) comprises at least two residues which have formula (IIa)

$R_1$ - $(CH_2-CH_2-O)_n-CH_2-CH_2-$

formula (IIa)

in which

$R_1$  is  $H$ , hydroxy or a hydrocarbon residue which has from 1 to 10 carbon atoms and which can contain 5 heteroatoms, and

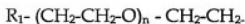
$n$  is, on each occasion independently, an integer of from 3 to 1000.

7. (Withdrawn-Previously Presented) A method for preparing a compound as claimed in claim 1, wherein the compounds of the formulae

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X' - NH <sub>2</sub>	(IV)
(W') <sub>2</sub> C=O	(V)
Z' - NC	(VI),
and	
V' -COOH	(VII)

are reacted with each other, as starting compounds, in a multicomponent reaction, where V', W', X' and Z' are, in each case independently of each other, a hydrocarbon residue which can optionally contain heteroatoms and/or V', W' and/or X' are hydrogen, where at least one of the residues V', W', X' and Z' contains a binding group Y and where the residues V', W', X' and Z' together comprise at least two residues which have formula (IIa)



formula (IIa)

in which

R<sub>1</sub> is H, hydroxy or a hydrocarbon residue which has from 1 to 10 carbon atoms and which can contain heteroatoms, and

n is, on each occasion independently, an integer of from 3 to 1000.

8. (Withdrawn-Previously Presented) The method of claim 7, wherein at least one of the residues V', W', X' and/or Z' contains at least one further functionality selected from the group consisting of NH<sub>2</sub>, C=O, NC and COOH.

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9. (Withdrawn) A conjugate which comprises a compound of the formula (I), as defined in claim 1, which is covalently bonded to a biopharmaceutical, pharmaceutical and/or synthetic active compound.
10. (Withdrawn) A conjugate which comprises a compound of the formula (I), as defined in claim 1, which is covalently bonded to a surface and/or a biocatalyst.
11. (Withdrawn) A conjugate which comprises a compound of the formula (I), as defined in claim 1, which is covalently bonded to an enzyme.
12. (Withdrawn) A conjugate which comprises a compound of the formula (I), as defined in claim 1, which is covalently bonded to medicinal products or adjuvants for administering active compounds.
13. (Previously Presented) A pharmaceutical composition which comprises a compound as claimed in claim 1.
14. (Previously Presented) A diagnostic composition which comprises a compound as claimed in claim 1.
15. (Withdrawn) A pharmaceutical for treating cancer or coronary diseases, metabolic diseases, comprising the conjugate as claimed in claim 9.
16. (Withdrawn) A method for preparing a substance library, wherein at least two different compounds as claimed in claim 1 are prepared using the method as claimed in claim 7 or 8.
17. (Withdrawn) A substance library which comprises at least two different compounds of the formula (I), as defined in claim 1.

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18. (Withdrawn) A kit which comprises:

- (a) at least one compound as claimed in claims 1, 2, 3, 4, 5 or 6;
- (b) buffer solutions and, where appropriate;
- (c) standard proteins and/or means for purifying conjugates which have been formed together with the compound from (a).

19. (Withdrawn) A pharmaceutical composition comprising the conjugate as claimed in claim 9.

20. (Withdrawn) A diagnostic composition comprising the conjugate as claimed in claim 9.

21. (Previously Presented) A compound of the formula



formula (Ia)

in which

the residues V, W, X and Z are in each case, independently of each other, a hydrocarbon residue which can contain heteroatoms and/or V, W and/or X is/are hydrogen, wherein at least one of the residues V, W, X and/or Z contains a binding group Y and in that the residues V, W, X and Z together comprise at least two residues which have formula (IIa)

$\text{R}_1 - (\text{CH}_2\text{-CH}_2\text{-O})_n - \text{CH}_2\text{-CH}_2$ .

formula (IIa)

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in which

R<sub>1</sub> is H, hydroxy or a hydrocarbon residue which has from 1 to 10 carbon atoms and which can contain heteroatoms, and

n is, on each occasion independently, an integer of from 3 to 1000.